Graphical sessions

We provide an interactive node (**mesoshared.univ-fcomte.fr**) for graphical sessions like:

- File editing
- Running matlab/comsol (we recommand batch mode using SGE)
- Results post-processing
- File Transfer
- …

> - This node is shared between users and is not managed by a resources manager (GridEngine).
> - This node is managed by X2Go software.
> - This node have 32 cores Intel Nehelm (2.2GHz) and 64Go of memory.

X2Go

X2Go enables users to access a graphical desktop over low or high bandwidth connections. It provides a remote desktop solution tunneled over SSH supporting file and printer sharing.
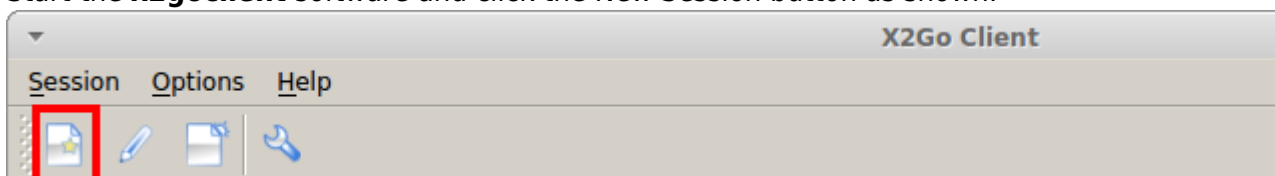
We recommend that users install the latest version of X2Go by downloading it from https://wiki.x2go.org/

> For Microsoft Windows users
> there is a BUG with the lastest x2go client version. Please the older versions. For example : https://code.x2go.org/releases/binary-win32/x2goclient/releases/4.1.0.0-2017.03.11/
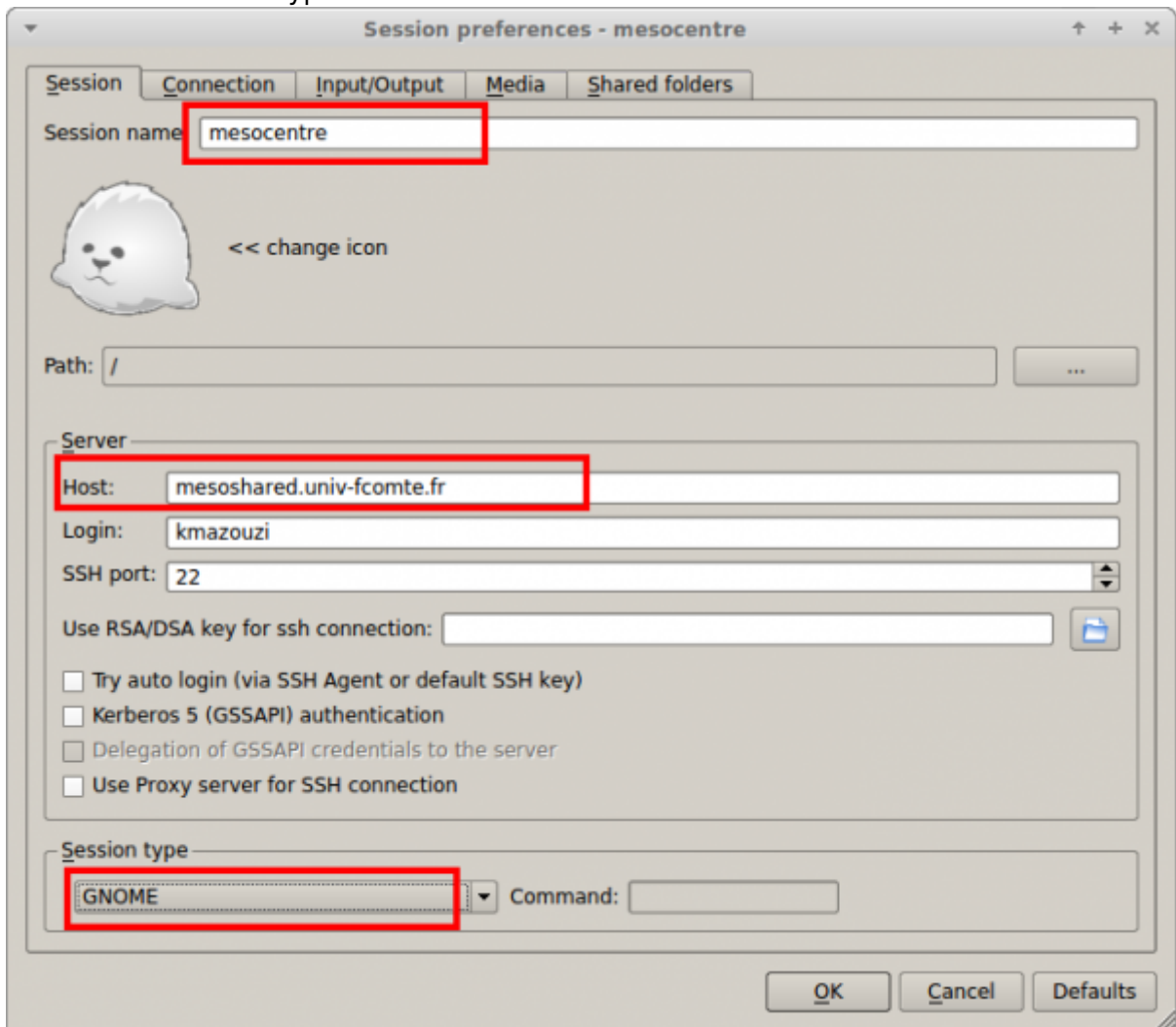
Connecting to mesoshared

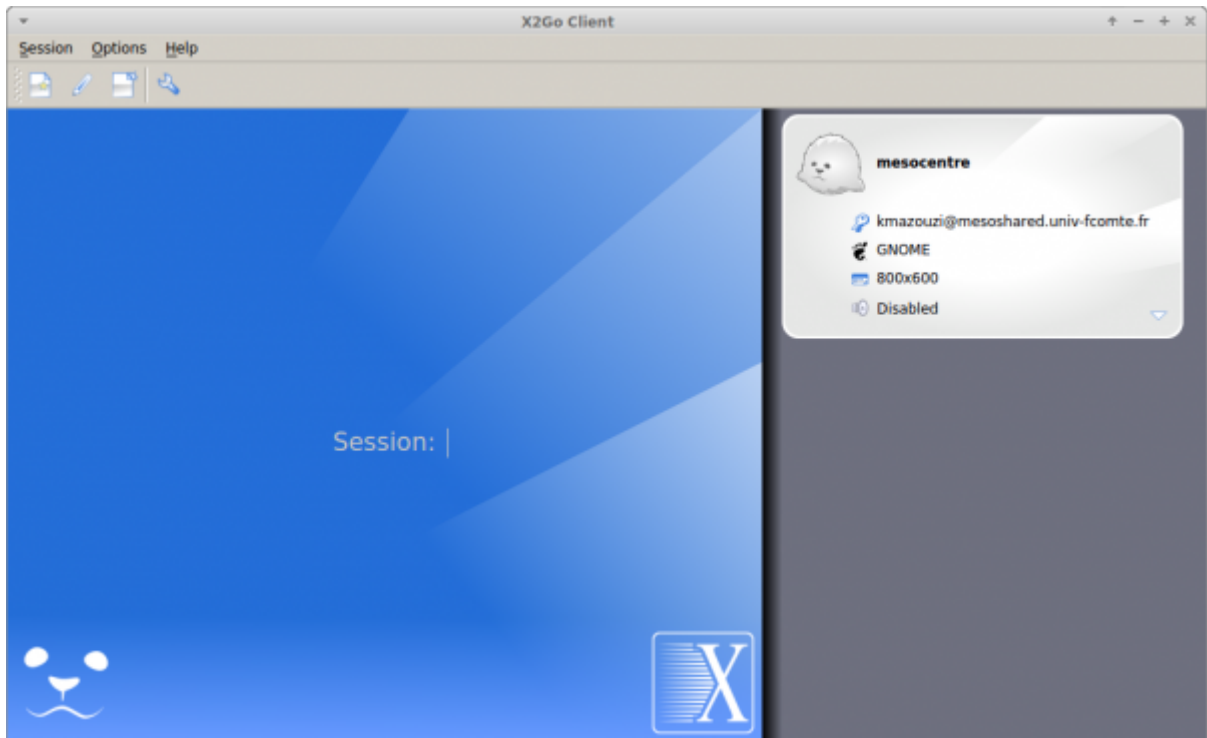1. Start the **x2goclient** software and click the New Session button as shown:

2. Specify **mesoshared.univ-fcomte.fr** in the host field and choose **GNOME** as Desktop
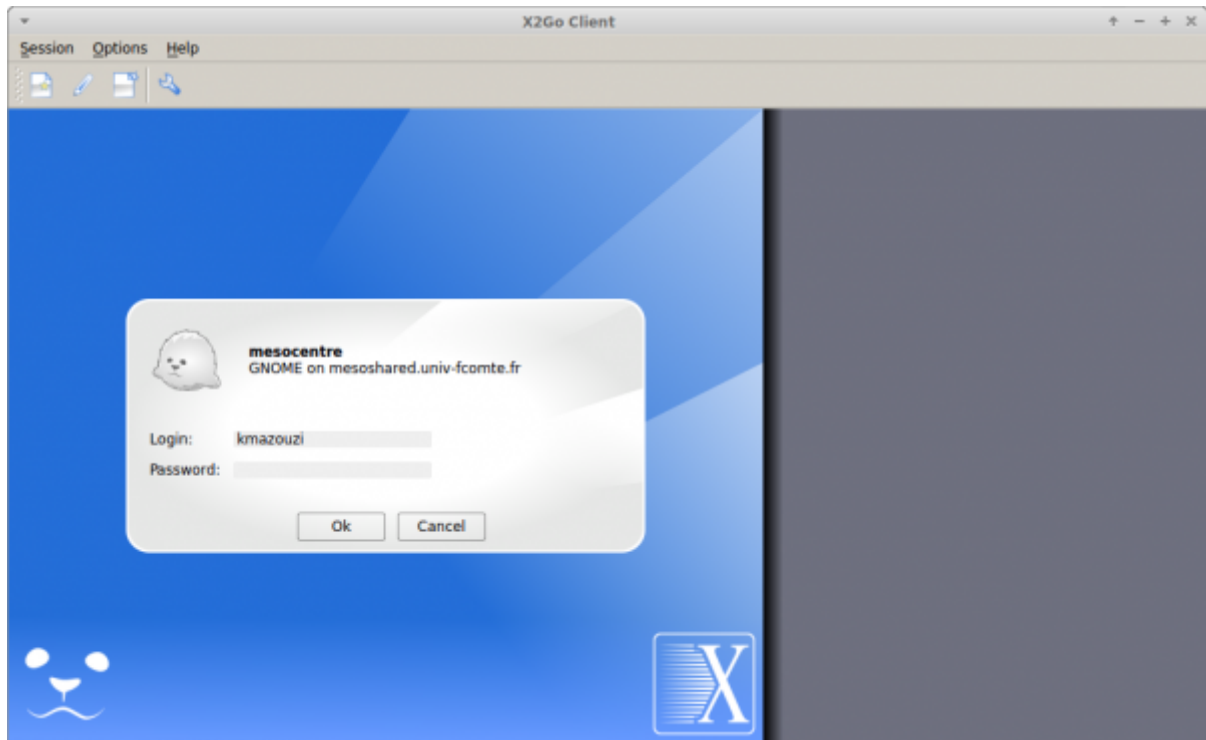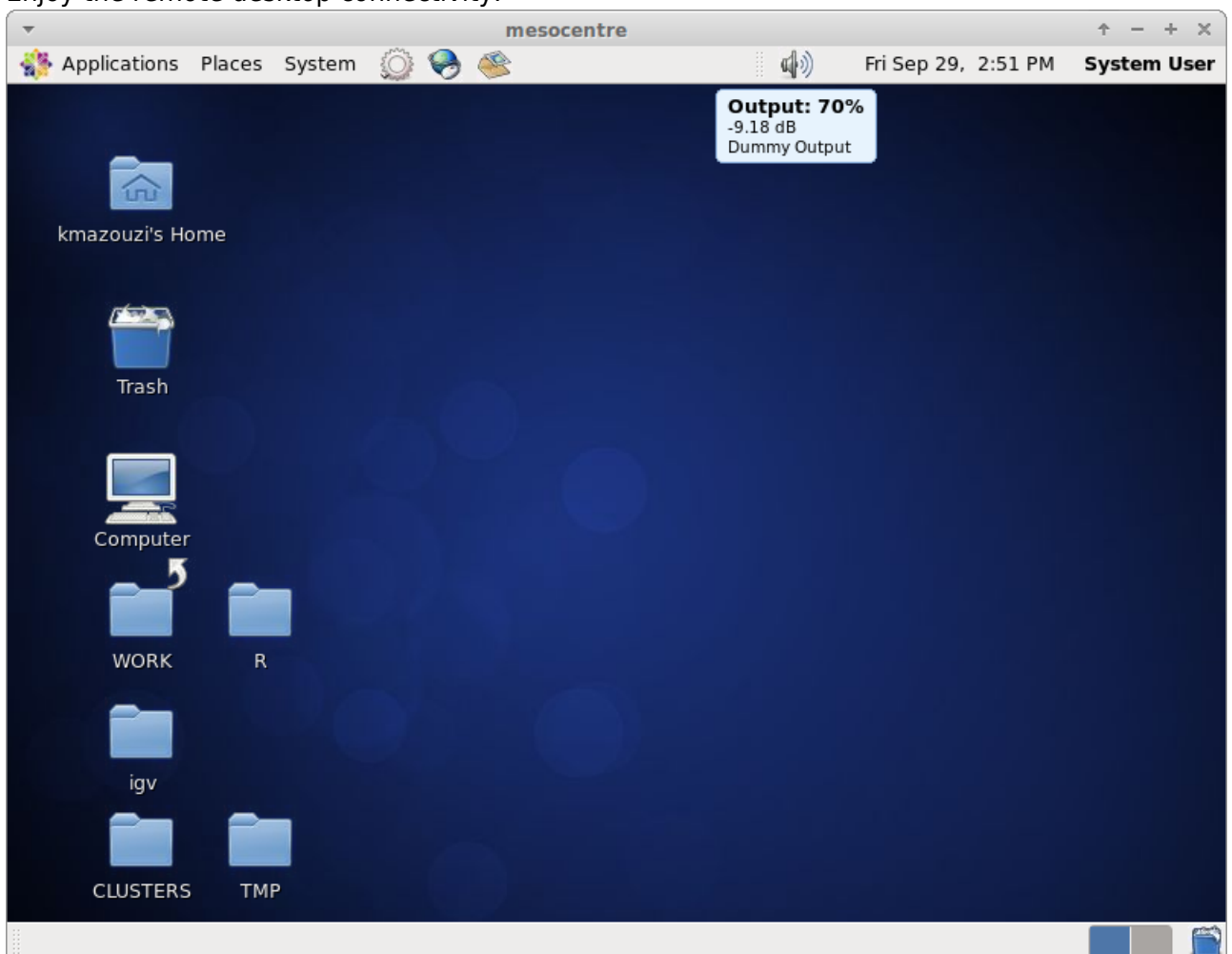
Environment in Session type:

3. Click the connection to start it.

4. Enter your username and password.

5. Enjoy the remote desktop connectivity.

6. From menu Applications > System tools > Terminal. Open a terminal and go to WORK space

7. `cd $WORK`

Load and run your application ; for example ; load matlab

```
$ module load matlab
```

run matlab

```
$ matlab
```

X2GO Options

- For better performances we encourage to <u>disable sound support</u> and <u>client side printing</u>: go to `session preferences` / `media` panel and disable those options
- Remote file sharing is disabled for now.

> From:
>
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>
> Permanent link:
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